

09811231_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09811231 on August 20, 2001

Original Classifications

7	704/275
5	704/257
3	704/235
3	704/251
3	704/260
3	704/270
2	704/1
2	704/256
2	704/270.1
2	704/9

Cross-Reference Classifications

10	704/251
10	704/257
7	704/275
5	704/270
5	704/9
4	704/231
3	704/2
3	704/255
2	379/88.16
2	379/88.18
2	382/187
2	434/156
2	434/185
2	434/307R
2	455/563
2	704/235
2	704/240
2	704/256
2	704/258
2	704/276
2	704/277
2	706/11
2	707/4
2	707/5

Combined Classifications

15	704/257
14	704/275
13	704/251
8	704/270
7	704/9

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5 704/231
5 704/235
4 704/256
4 704/260
3 704/1
3 704/2
3 704/255
3 704/270.1
3 706/11
3 707/4
2 379/88.16
2 379/88.18
2 382/187
2 434/156
2 434/157
2 434/185
2 434/307R
2 455/563
2 704/10
2 704/240
2 704/244
2 704/258
2 704/276
2 704/277
2 707/3
2 707/5

09811231_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
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From A Search of 09811231 on August 20, 2001

15 704/257 (5 OR, 10 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESS/DECOMPRESS

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/251 ..Word recognition

704/255 ...Specialized models

704/257Natural language

14 704/275 (7 OR, 7 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESS/DECOMPRESS

704/200 SPEECH SIGNAL PROCESSING

704/270 .Application

704/275 ..Speech controlled system

13 704/251 (3 OR, 10 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESS/DECOMPRESS

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/251 ..Word recognition

8 704/270 (3 OR, 5 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESS/DECOMPRESS

704/200 SPEECH SIGNAL PROCESSING

704/270 .Application

7 704/9 (2 OR, 5 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESS/DECOMPRESS

704/1 LINGUISTICS

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704/9 .Natural language

5 704/231 (1 OR, 4 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

704/200 COMPRESSION/DECOMPRESSION
704/231 SPEECH SIGNAL PROCESSING
704/231 .Recognition

5 704/235 (3 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

704/200 COMPRESSION/DECOMPRESSION
704/231 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/235 ..Speech to image

4 704/256 (2 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

704/200 COMPRESSION/DECOMPRESSION
704/231 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/251 ..Word recognition
704/255 ...Specialized models
704/256Markov

4 704/260 (3 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

704/200 COMPRESSION/DECOMPRESSION
704/258 SPEECH SIGNAL PROCESSING
704/260 .Synthesis
704/260 ..Image to speech

3 704/1 (2 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

704/1 COMPRESSION/DECOMPRESSION
LINGUISTICS

3 704/2 (0 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,

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LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/1 LINGUISTICS
704/2 .Translation machine

3 704/255 (0 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/251 ..Word recognition
704/255 ...Specialized models

3 704/270.1 (2 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application
704/270.1 ..Speech assisted network

3 706/11 (1 OR, 2 XR)
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
706/11 HAVING PARTICULAR USER INTERFACE

3 707/4 (1 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING
707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)
707/4 ..Query formulation, input preparation, or
translation

2 379/88.16 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.16 .Voice message synthesis

2 379/88.18 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

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379/88.18 .Interacting voice message systems

2 382/187 (0 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
382/181 PATTERN RECOGNITION
382/187 .On-line recognition of handwritten characters

2 434/156 (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/156 LANGUAGE

2 434/157 (1 OR, 1 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/156 LANGUAGE
434/157 .Foreign

2 434/185 (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/156 LANGUAGE
434/185 .Speech

2 434/307R (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/307R CATHODE RAY SCREEN DISPLAY AND AUDIO MEANS

2 455/563 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCEIVER)
455/550 .Radiotelephone equipment detail
455/563 ..Having voice recognition or synthesization

2 704/10 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/1 LINGUISTICS
704/10 .Dictionary building, modification, or
prioritization

2 704/240 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION

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704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/236 ..Specialized equations or comparisons
704/240 ...Probability

2 704/244 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/243 ..Creating patterns for matching
704/244 ...Update patterns

2 704/258 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/258 .Synthesis

2 704/276 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application
704/276 ..Pattern display

2 704/277 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application
704/277 ..Translation

2 707/3 (1 OR, 1 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING

707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)

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2 707/5 (0 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING
707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)
707/5 ..Query augmenting and refining (e.g., inexact
access)